

DERWENT-ACC-NO: 1992-117912

DERWENT-WEEK: 199215

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TITLE: Light-fast spin dyed polyester fibre
- has core of polyester contg. high dye concn. and
polyester sheath contg. no dye

PATENT-ASSIGNEE: KANEBO LTD [KANE]

PRIORITY-DATA: 1990JP-0155103 (June 12, 1990),
1990JP-0153103 (June 12, 1990)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | |
|---------------|----------|-------------------|
| LANGUAGE | PAGES | MAIN-IPC |
| JP 04050318 A | 004 | February 19, 1992 |
| | N/A | |

PET Sheath/ core
Core → 780 pigment
Sheath → Subst. no pigmt.
N/A

APPLICATION-DATA:

| PUB-NO | APPL-DESCRIPTOR | APPL-NO |
|----------------|-----------------|---------|
| JP 04050318A | APPL-DATE | |
| 1990JP-0155103 | N/A | |
| | June 12, 1990 | |

low discoloration

INT-CL (IPC): D01F001/04, D01F008/14

ABSTRACTED-PUB-NO: JP 04050318A

BASIC-ABSTRACT:

Light fast spin dyed polyester fibre is composed of a core sheath type composite fibre with polyester contg. pigment in high concn. as the core, and polyester contg. substantially no pigment as the sheath.

The pigment may be any of inorganic or pref. organic. Volume ratio of core to sheath is pref. 1:1-1:10, more pref. 1:2-1:6. Concn. of the pigment in the

core part is more than 60 wt. %, pref. more than 80 wt. %. Less than 0.1% of TiO₂ may be contained, with no TiO₂ being pref. in improvement of fluidity of polymer in melt spinning. UV absorber in the sheath part is pref. The UV absorber is pref benzotriazole type, benzophenone type or mixt. Polyester is pref. PET and copolymer having PET as main component which has less than 10% of copolymerisable component.

USE/ADVANTAGE - Fibre is useful for interior material of automobile, general industrial material and textiles for leisure. Fibre has low discolouration but good colour developing property.

CHOSEN-DRAWING: Dwg.0/5

TITLE-TERMS: LIGHT FAST SPIN DYE POLYESTER FIBRE CORE
POLYESTER CONTAIN HIGH
DYE CONCENTRATE POLYESTER SHEATH CONTAIN NO DYE

DERWENT-CLASS: A23 A94 F01 F06

CPI-CODES: A05-F01B2; A08-E02; A08-E04; A09-A; A11-A01B;
A12-S05B; A12-S05N;
F01-E01; F03-F07; F03-F17; F03-F30;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1966U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0004 0016 0036 0072 0224 0226 1291 1319 1462
2208 2239 2268 2321
2322 2476 2525 2572 2589 2602 2828 2829 3178 3300
Multipunch Codes: 014 02& 038 07& 09& 143 144 15- 151 155
163 166 169 170 171
273 30& 305 329 33& 353 364 365 366 42& 437 44& 481 516 518
532 536 541 57& 672
677 681 001 003 007 022 022 129 131 146 220 223 226 232 232
247 252 257 258 260
282 282 317 330

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-054511